

NAME: _____

T#: _____



Bachelor of Science in Mathematics Education - 8-Semester Guaranteed Program

This map is a term-by-term sample course schedule. The milestones listed to the right of each term are designed to keep you on course to graduate in four years. The Sample Schedule serves as a general guideline to help you build a full schedule each term. See course descriptions and prerequisites at <http://www.atu.edu/academics/catalog/>.

Employment Information: Math Teacher

#Remedial Courses (if applicable): ENGL 0303 _____ ENGL 0404 _____ READ 0103 _____ MATH 0903 _____

Semester 1 Course Information	Hrs.	Grade	Notes
ENGL 1013 - Composition I (ACTS = ENGL 1013)	3	#	Required for admission to Stage II
U.S. History & Government	3		
TECH 1001 - Orientation to the University	1		
MATH 2914 - Calculus I (ACTS = MATH 2405)	4	#	Required for admission to Stage II
General Elective	4		
Total hours	15	GPA	

Semester 2 Course Information	Hrs.	Notes
ENGL 1023 - Composition II (ACTS = ENGL 1023)	3	# Required for admission to Stage II
Social Science	3	
HLED 1513 - Personal Health and Wellness (ACTS = HEAL 1003)	3	#
MATH 2703 - Discrete Mathematics	3	#
MATH 2924 - Calculus II (ACTS = MATH 2505)	4	#
Total hours	16	GPA Take and pass Praxis I

Semester 3 Course Information	Hrs.	Notes
PHYS 2114 - General Physics I (ACTS = PHYS 2034)	4	# Passed Praxis I? Yes? ___ No? ___
PHYS 2000 - General Physics I Lab	0	
COMS 2803 - Programming in C	3	#
MATH 2934 - Calculus III (ACTS = MATH 2603)	4	#
MATH 3003 - Foundations of Number Systems	3	# Required for admission to Stage II
SEED 2002 - Intro to Secondary Education	2	#
Total hours	16	GPA 2.70+ GPA REQUIRED

Semester 4 Course Information	Hrs.	Notes
PHYS 2124 - General Physics II (ACTS = PHYS 2044)	4	#
PHYS 2010 - General Physics II Lab	0	Required for admission to Stage II
SPH 2003 - Public Speaking	3	#
ANTH 2003 - Cultural Anthropology (ACTS = ANTH 2013)	3	#
MATH 3123 - College Geometry	3	#
MATH 3243 - Differential Equations I	3	# Apply for Admission to Stage II
Total hours		MATH and SEED ADVISOR ASSIGNED

indicates a "C" or better is required

The Arkansas Course Transfer System (ACTS) is designed to assist in planning the academic progress of students. This system contains information about the transferability of courses within Arkansas public colleges and universities. The Arkansas Course Transfer System can be accessed at <http://acts.adhe.edu/>

Fine Arts and Humanities	U.S. History & Government
ART 2123 - Experiencing Art (ACTS = ARTA 1003)	HIST 1903 - Survey of American History
MUS 2003 - Introduction to Music (ACTS = MUSC 1003)	HIST 2003 - U.S. History to 1877 (ACTS = HIST 2113)
TH 2273 - Introduction to Theatre (ACTS = DRAM 1003)	HIST 2043 - Honors U.S. History to 1877
ENGL 2173 - Introduction to Film	HIST 2013 - U.S. History II (ACTS = HIST 2123)
JOUR 2173 - Introduction to Film	POLS 2003 - American Government (ACTS = PLSC 2003)
ENGL 2003 - Intro to World Literature (ACTS = ENGL 2113)	Science with Lab
ENGL 2013 - Intro to American Literature (ACTS = ENGL 2653)	BIOL 1014 - Intro to Biological Science (ACTS = BIOL 1004)
ENGL 2023 - Honors World Literature	BIOL/PHSC 1004 - Principles of Environmental Science
PHIL 2003 - Introduction to Philosophy (ACTS = PHIL 1103)	GEOL 1014 - Physical Geology (ACTS = GEOL 1114)
PHIL 2043 - Honors Introduction to Philosophy	PHSC 1013/1021 - Physical Sci/Lab (ACTS = PHSC 1004)

Semester 5 Course Information	Hrs.	Grade	Notes
Fine Arts & Humanities	3		Are you admitted to Stage II?
Fine Arts & Humanities	3		
MATH 3153 - Applied Statistics I	3	#	
MATH 4003 - Linear Algebra I	3	#	
SEED 3552 - Adolescent Development	2	#	
SEED 4052 - Adolescent Exceptionalities	2	#	Requires Stage II Admission
Total hours	16	GPA	

Semester 6 Course Information	Hrs.	Notes
MATH 3203 - Introduction to Analysis	3	#
MATH 4123 - Mathematical Modeling	3	#
MATH 4703 - Special Methods in Mathematics	3	# Prerequisite: SEED 2002
SEED 3702 - Intro to Educational Technology	2	#
General Elective	3	
Total hours	14	GPA APPLY FOR GRADUATION

Semester 7 Course Information	Hrs.	Notes
MATH 4033 - Abstract Algebra I	3	#
MATH 4113 - History of Mathematics	3	#
MATH 4772 - Mathematics Teaching Practicum	2	#
MATH 4971 - Mathematics Senior Seminar	1	#
SEED 4556 - Classroom Application of Educational Psychology	6	# Requires Stage II Admission
APPLY FOR INTERNSHIP: Students must receive passing Praxis II scores to be admitted to internship.		
Total hours	15	GPA

Semester 8 Course Information	Hrs.	Notes
SEED 4503 - Seminar in Secondary Education	3	# MUST BE ADMITTED TO INTERNSHIP
SEED 4909 - Teaching in the Secondary School	9	#
		Graduation Requirements:
		Students must complete 120 hours and achieve a 2.7 GPA or higher.
Total Hours	12	GPA

General Electives: 7 hours (1000-4000)		
Social Sciences		
HIST 1503 - World History to 1500 (ACTS = HIST 1113)		
HIST 1513 - World History since 1500 (ACTS = HIST 1123)		
HIST 1543 - Honors World History to 1500		
HIST 2003 - U.S. History to 1877 (ACTS = HIST 2113)		
HIST 2013 - U.S. History since 1877 (ACTS = HIST 2123)		
HIST 2043 - Honors U.S. History to 1877		
HIST 1903 - Survey of American History		
ECON 2013 - Principles of Economics II (ACTS = ECON 2203)		
SOC 1003 - Introductory Sociology (ACTS = SOCI 1013)		
PSY 2003 - General Psychology (ACTS = PSYC 1103)		
ANTH 2123 - Intro to Anthropology (ACTS = ANTH 1013)		
ANTH 2003 - Cultural Anthropology (ACTS = ANTH 2013)		
GEOG 2013 - Regional Geography (ACTS = GEOG 2103)		
AMST 2003 - American Studies		
Speech Courses		
POL 2003 - American Government (ACTS = PLSC 2003)		
ECON 2003 - Principles of Economics I (ACTS = ECON 2103)		
SPH 1003 - Intro to Speech Communication (ACTS = SPCH 1003)		
ECON 2103 - Honors Principles of Economics I		
SPH 2003 - Public Speaking		
SPH 2173 - Business and Professional Speaking		